

HW-52 - G180
WD-123



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

[Handwritten signatures and initials]

Re: The Application of)
ROGER PHILIP EKINS and)
FREDERICK CHU)
Serial No. 08/211,800)
Filed: April 14, 1994)
For: BINDING ASSAY EMPLOYING)
LABELLED REAGENT)

Group Art Unit: 1807

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GROUP 1800

SECOND PRELIMINARY AMENDMENT

Please add the following new claims to the above-identified patent application as follows:

29. A binding assay process in which the concentrations of a plurality of analytes in a liquid sample are determined by comparison with dose-response curves computed from standard samples,

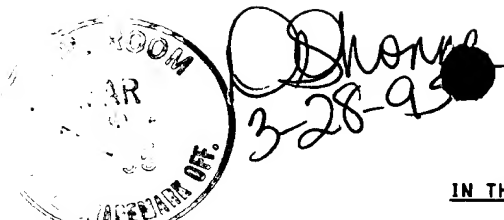
using plurality of capture binding agents, each binding agent having binding sites specific for a different analyte in the sample, and a plurality of developing binding materials, each developing binding material capable of binding with a given bound analyte or with the binding sites on a given capture binding agent occupied by the bound analyte or with the binding sites remaining unoccupied on a given capture binding agent,

the capture binding agent specific for a given analyte being used in a small amount such that each capture binding agent has at most only an insignificant effect on the concentration of the analyte in the sample for which it is specific, the capture binding agent being immobilized on a solid support in the form of one or more microspots, and

a universal marker reagent being used in the assay as a label in relation to the developing binding materials whereby the strength of the signal associated with the label is representative of the fractional occupancy of the binding sites on a given capture binding agent by the analyte,

wherein the universal marker reagent comprises

020 AA 03/23/95 08211800	1 102	74.00 CK
020 AA 03/23/95 08211800	1 103	66.00 CK
0414004 03/23/95 08211800	04-1406 140 102	4.00CH



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Vorschel

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In re the Application of

ROGER PHILIP EKINS and FREDERICK CHU

Serial No. 08/211,800

Filed: April 14, 1994

For: BINDING ASSAY EMPLOYING LABELLED REAGENT

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Certificate of Mailing Under 37 CFR §1.8(a)

I hereby certify that this Correspondence is being deposited on March 7, 1995 with the United States Postal Service as first-class mail in an envelope properly addressed to COMMISSIONER OF PATENTS AND TRADEMARKS, Washington, DC 20231.

March 7, 1995
Date of Certificate

Patrick J. Hagan
PATRICK J. HAGAN
Attorney for Applicant(s)
PTO Registration No. 27,643

Computation of Additional Fee for Amendment

[] No Additional Fee is required.
[X] A check is enclosed in the amount of \$ 140.00.

The fee has been calculated as shown below:

CLAIMS AS AMENDED				*SMALL ENTITY		OTHER THAN A SMALL ENTITY	
FOR	CLAIMS AFTER AMDT.	CLAIMS PAID FOR	NUMBER EXTRA	RATE	FEE	RATE	FEE
EFFECTIVE TOTAL CLAIMS	31	- 28	= 3	\$ 11	0	\$ 22	66
IND. CLAIMS	4	- 3	= 1	37	0	74	74
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS?				115	0	230	
PETITION FEE FOR EXTENSION							
				TOTAL	0	TOTAL	140

*Applicant is a Small Entity, as established by a verified statement filed N/A.

In the event the check is improper, or the fee calculation is in error, the Commissioner is authorized to charge any underpayment or credit any overpayment to the account of the undersigned attorneys, Account No. 04-1406. A duplicate copy of this sheet is enclosed.

DANN, DORFMAN, HERRELL AND SKILLMAN
A Professional Corporation

By Patrick J. Hagan
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